

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

**Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All other correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated in Block 1, corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

7590

03/02/2007

**M Cubed Technologies, Inc.**  
**1 Tralee Industrial Park**  
**Newark, DE 19711**

**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

06/04/2007 HDEMSS2 00000024 10663359

01 FC:2501 700.00 OP  
 02 FC:8001 15.00 OP

Jeffrey R Ramberg (Depositor's name)  
Jeffrey R Ramberg (Signature)  
May 31, 2007 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/663,359	09/16/2003	Prashant G. Karandikar	M-102-E	1655

TITLE OF INVENTION: LOW CTE METAL-CERAMIC COMPOSITE ARTICLES, AND METHODS FOR MAKING SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$0	\$700	06/04/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
EDWARDS, NEWTON O	1774	359-838000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Law Office of Jeffrey  
R. Ramberg  
 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

M Cubed Technologies, Inc. Monroe, Connecticut

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 5

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☒ A check is enclosed. # 1023  
☐ Payment by credit card. Form PTO-2038 is attached.  
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Jeffrey R Ramberg  
Jeffrey R. Ramberg

Date

5-31-2007

Typed or printed name

Registration No.

34,700

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PTO/SB/21 (04-07)

Approved for use through 09/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

**4**

Application Number	10/663,359
Filing Date	09/16/2003
First Named Inventor	Karandikar, Prashant G.
Art Unit	1774
Examiner Name	Edwards, Newton O.
Attorney Docket Number	M-102-E

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Payment of Issue Fee cvr ltr
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Certificate of Mailing
	<input type="checkbox"/> Landscape Table on CD	Return Receipt Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<b>Remarks</b>	Issue Fee Transmittal
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	LAW OFFICE OF JEFFREY R. RAMBERG		
Signature			
Printed name	Jeffrey R. Ramberg		
Date	31 May 2007	Reg. No.	34,700

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Jeffrey R. Ramberg	Date	05/31/2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Karandikar et al.  
Serial No.: 10/663,359  
Filed: September 16, 2003

Attorney Docket No.: M-102-E  
Group Art Unit: 1774  
Examiner: Edwards, Newton O.

For: Low CTE Metal-Ceramic Composite Articles, and Methods for Making Same

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate of Mailing Under 37 CFR §1.8**

I hereby certify that the following correspondence is being deposited on the date shown below with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to *Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450*:

Payment of Issue Fee cover letter

Form PTOL-85B (Fee Transmittal)

Transmittal; Check No. 1023

Return Receipt Postcard

5.31.07  
Date

Jeffrey R. Ramberg  
Signature

Jeffrey R. Ramberg  
Typed or printed name of person signing Certificate



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Karandikar et al.  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

PAYMENT OF ISSUE FEE

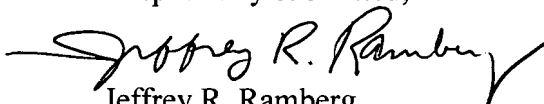
Dear Sir:

In regard to the Notice of Allowance and Fee(s) Due dated March 2, 2007, Applicants submit herewith the Issue Fee for the above-identified patent application.

Specifically, Applicants submit the Issue Fee Transmittal (Form PTOL-85B), and fees in the amount of \$715.00 to cover the cost of the small entity Issue Fee under 37 C.F.R. §1.18(a) and five (5) advanced copies of the patent. Check No. 1023 is enclosed in this amount, and for these purposes. The Finance Division is authorized to debit or credit the undersigned's Deposit Account No. 50-1020 for any fee deficiency or excess.

Should the Patent Office deem that further action is required on the part of Applicants, the Office is invited to contact Applicants' undersigned representative.

Respectfully submitted,

  
Jeffrey R. Ramberg  
Reg. No. 34,700

May 31, 2007

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